

PATENT

Case Docket No. ASMMC.020AUS

Date: January 15, 2003



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                  |                         |   |   |
|------------------|-------------------------|---|---|
| Applicant(s) :   | Hujanen et al.          | ) | I hereby certify that this correspondence and all   |
| Appl. No. :      | 09/997,396              | ) | marked attachments are being deposited with the     |
| Filed :          | November 28, 2001       | ) | United States Postal Service as first class mail in |
| For :            | THIN FILMS FOR MAGNETIC | ) | an envelope addressed to: United States Patent      |
|                  | DEVICE                  | ) | and Trademark Office, P.O. Box 2327,                |
| Examiner :       | David Vu                | ) | Arlington, VA 22202, on                             |
| Group Art Unit : | 2818                    | ) |   |

January 15, 2003

(Date)

Adeel S. Akhtar, Reg. No. ASA#

## TRANSMITTAL LETTER

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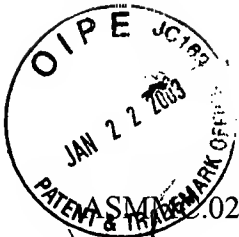
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) Election of Species
- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with one (1) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

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020AUS

#13/Election  
Patent  
1/29/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hujanen et al.  
Appl. No. : 09/997,396  
Filed : November 28, 2001  
For : THIN FILMS FOR  
MAGNETIC DEVICE  
Examiner : David Vu

) Group Art Unit 2818  
)

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) Arlington, VA 22202, on

) January 15, 2003  
)

) (Date)  
) Adeel Syed Akhtar  
) Adeel S. Akhtar, Reg. No. 41,394

ELECTION OF SPECIES

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

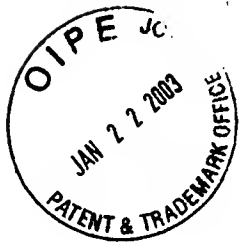
In an action mailed December 16, 2002, the Examiner required restriction of prosecution to one of the following species of claims:

- Species I Claims 1-32, drawn to a method of fabricating a magnetic memory cells;
- Species II Claims 33-41, drawn to a method of depositing a metal layer by volatile metal source chemicals and hydrogen-rich plasma; and
- Species III Claims 42-45, drawn to a method of manufacturing a magnetic element by depositing an aluminum oxide tunneling dielectric by ALD on the substrate.

In response, Applicants elect, without traverse, to proceed with examination on the merits of Group (Claims 1-32), drawn to a method of fabricating a magnetic memory cells.

Applicants submit that the application is in condition for examination on the merits and respectfully request the same.

Appl. No. : 09/997,396  
Filed : November 28, 2001



Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: January 15, 2002

By: Adeel S. Akhtar

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